

Project Title	Funding	Strategic Plan Objective	Institution
The new Simons Center for the Social Brain	\$5,500,000	Q7.K	Massachusetts Institute of Technology
Genetic basis of autism	\$4,000,571	Q3.L.B	Cold Spring Harbor Laboratory
Prometheus Research, LLC	\$3,007,005	Q7.N	Prometheus Research, LLC
Autism Biomarker Discovery Program	\$1,999,984	Q2.L.B	Seaside Therapeutics
A Community-Based Executive Function Intervention for Low-Income Children with ADHD and ASD	\$1,757,884	Q4.L.D	Children's Research Institute
Whole exome sequencing of Simons Simplex Collection quads	\$1,495,957	Q3.L.B	University of Washington
Rutgers, The State University of New Jersey	\$1,439,734	Q7.D	Rutgers, The State University of New Jersey
Clinical Research Associates	\$1,175,000	Q7.K	Clinical Research Associates
Simons Variation in Individuals Project (VIP) Functional Imaging Site	\$1,142,798	Q2.S.G	University of California, San Francisco
Autism Consortium	\$952,306	Q7.N	Autism Consortium
Mindspec, Inc.	\$931,150	Q7.Other	Mindspec, Inc.
Autism Treatment Network (ATN)	\$732,883	Q7.N	Autism Speaks (AS)
Genomic influences on development and outcomes in infants at risk for autism	\$681,108	Q3.L.B	University of Alberta
Autism Genetic Resource Exchange (AGRE)	\$676,333	Q7.D	Autism Speaks (AS)
Simons Variation in Individuals Project (VIP) Site	\$624,864	Q2.S.G	Boston Children's Hospital
Illumina, Inc.	\$556,250	Q3.L.B	Illumina, Inc.
Annual SFARI Meeting	\$545,469	Q7.K	N/A
Whole exome sequencing of Simons Simplex Collection quads	\$536,779	Q3.L.B	Yale University
Simons Variation in Individuals Project (VIP) Site	\$508,680	Q2.S.G	University of Washington
A functional genomic analysis of the cerebral cortex	\$486,802	Q2.Other	University of California, Los Angeles
Accelerating Autism Research through the Interactive Autism Network (IAN Core)	\$453,738	Q7.C	Kennedy Krieger Institute
Function and dysfunction of neuroligins in synaptic circuits	\$450,000	Q2.Other	Stanford University
Physical and clinical infrastructure for research on infants at risk for autism	\$449,353	Q1.L.A	Emory University
Autism Treatment Network (ATN) 2011 - MGH Clinical Coordinating Center	\$445,000	Q7.N	Massachusetts General Hospital
Simons Variation in Individuals Project (VIP) Core Neuroimaging Support Site	\$434,182	Q2.S.G	University of California, San Francisco
Simons Variation in Individuals Project (VIP) Functional Imaging Site	\$419,819	Q2.S.G	The Children's Hospital of Philadelphia
Comprehensive Phenotyping of Autism Mouse Models	\$416,495	Q4.S.B	The University of Pennsylvania
World Health Organization Collaboration	\$400,000	Q7.Other	World Health Organization

Project Title	Funding	Strategic Plan Objective	Institution
Relating copy number variants to head and brain size in neuropsychiatric disorders	\$399,146	Q2.S.G	University of California, San Diego
Simons Variation in Individuals Project (Simons VIP)	\$372,288	Q2.S.G	Emory University
Building awareness of the value of brain tissue donation for autism research	\$360,525	Q2.S.C	Autism Science Foundation
A Longitudinal EEG Study of Infants at Risk for Autism: Network Capacity Building (Phase I)	\$359,738	Q1.L.A	University of North Carolina
Home-based system for biobehavioral recording of individuals with autism	\$353,250	Q4.Other	Northeastern University
Autism, GI symptoms and the enteric microbiota	\$350,814	Q3.S.I	The Research Foundation of the State University of New York at Stony Brook
Genetically defined stem cell models of Rett and fragile X syndrome	\$350,000	Q2.S.D	Whitehead Institute for Biomedical Research
Mitochondria and the etiology of autism	\$350,000	Q3.L.B	The Children's Hospital of Philadelphia
Interactive Autism Network Core and Simons Simplex Collection Registry	\$350,000	Q7.C	Hugo W. Moser Research Institute at Kennedy Krieger, Inc.
Mesocorticolimbic dopamine circuitry in mouse models of autism	\$349,295	Q2.S.D	Stanford University
Genomic influences on development and outcomes in Infants at risk of ASD	\$337,779	Q3.S.A	University of Alberta
Trial of carnitine therapy in TMLHE deficiency and non-dysmorphic autism	\$330,439	Q4.S.C	Baylor College of Medicine
Canonical neural computation in autism	\$321,362	Q2.Other	New York University
Simons Variation in Individuals Project (VIP) Site	\$316,306	Q2.S.G	Baylor College of Medicine
PsychoGenics Inc.	\$312,375	Q4.S.B	PsychoGenics Inc.
Brain-behavior growth charts of altered social engagement in ASD infants	\$304,231	Q1.L.A	Yale University
Alterations in brain-wide neuroanatomy in autism mouse models	\$300,000	Q2.Other	Cold Spring Harbor Laboratory
Deployment focused model of JASPER for preschoolers with autism spectrum disorders	\$288,364	Q4.L.D	University of California, Los Angeles
Bioinformatics support for AGRE	\$263,552	Q7.D	Autism Speaks (AS)
Autism and Developmental Disabilities Monitoring Network augmentation with screening and assessment	\$262,621	Q7.I	Medical University of South Carolina
Simons Variation in Individuals Project (VIP) Structural Imaging and Phenotyping Site - SCAP-local	\$260,788	Q2.S.G	The Children's Hospital of Philadelphia
Fragile X syndrome target analysis and its contribution to autism	\$259,025	Q2.S.D	Vanderbilt University
Strengthening the effects of parent-implemented early intervention to improve symptoms of ASD	\$256,981	Q4.S.D	University of Washington

Project Title	Funding	Strategic Plan Objective	Institution
Strengthening the effects of parent-implemented early intervention to improve symptoms of ASD	\$253,534	Q4.S.D	University of California, Davis
The role of UBE3A in autism	\$250,001	Q2.S.D	Harvard Medical School
RNA expression studies in autism spectrum disorders	\$250,000	Q1.L.A	Boston Children's Hospital
RNA dysregulation in autism	\$250,000	Q2.Other	The Rockefeller University
Foundation Associates agreement (BrainNet)	\$250,000	Q2.S.C	Foundation Associates, LLC
Multigenic basis for autism linked to 22q13 chromosomal region	\$250,000	Q2.S.D	Hunter College of the City University of New York (CUNY) jointly with Research Foundation of CUNY
Children with 7q11.23 duplication syndrome: shared characteristics with autism	\$250,000	Q2.S.G	University of Louisville
Synaptic pathophysiology of 16p11.2 model mice	\$250,000	Q4.S.B	Massachusetts Institute of Technology
Understanding copy number variants associated with autism	\$250,000	Q4.S.B	Duke University Medical Center
The role of glutamate receptor interacting proteins in autism	\$249,999	Q4.S.B	Johns Hopkins University School of Medicine
Probing synaptic receptor composition in mouse models of autism	\$249,995	Q2.S.D	Boston Children's Hospital
A gene-driven systems approach to identifying autism pathology	\$249,874	Q2.S.G	University of California, San Francisco
Developmental neurogenetics in adolescents with autism	\$249,603	Q2.S.G	Yale University
CLARITY: circuit-dynamics and connectivity of autism-related behavior	\$248,468	Q2.Other	Stanford University
Mechanisms of synapse elimination by autism-linked genes	\$240,115	Q2.S.D	University of Texas Southwestern Medical Center
Autism Tissue Program (ATP)	\$236,009	Q7.D	Autism Speaks (AS)
SFARI Conferences, Workshops & Events	\$232,606	Q7.Other	N/A
Identifying the gene in 17q12 responsible for neuropsychiatric phenotypes	\$228,375	Q2.S.G	Geisinger Clinic
Developing fNIRS as a brain function indicator in at-risk infants	\$223,738	Q1.L.A	Birkbeck College
Simons Variation in Individuals Project (VIP) Statistical Core Site	\$221,381	Q2.S.G	Columbia University
Simons Variation in Individuals Project (VIP) Recruitment Coordination Site	\$216,139	Q2.S.G	Weis Center for Research - Geisinger Clinic
Rhode Island population and genetics study of autism and intellectual disability	\$208,799	Q7.D	Bradley Hospital
Modeling multiple heterozygous genetic lesions in autism using Drosophila melanogaster	\$201,838	Q2.Other	University of California, Los Angeles
Preclinical Autism Consortium for Therapeutics (PACT)	\$200,894	Q4.S.B	University of California, Davis

Project Title	Funding	Strategic Plan Objective	Institution
Corticothalamic circuit interactions in autism	\$200,000	Q2.Other	Boston Children's Hospital
5-hydroxymethylcytosine-mediated epigenetic regulation in autism	\$200,000	Q3.S.J	Emory University
Prosodic and pragmatic training in highly verbal children with autism	\$200,000	Q4.Other	Harvard University
16p11.2 deletion mice: Autism-relevant phenotypes and treatment discovery	\$200,000	Q4.S.B	Stanford University
16p11.2 deletion mice: autism-relevant phenotypes and treatment discovery	\$200,000	Q4.S.B	University of California, Davis
Early intervention professional development: Evidenced-based practices and program quality	\$200,000	Q5.L.A	University of North Carolina at Chapel Hill
Neural mechanisms underlying autism behaviors in SCN1A mutant mice	\$194,903	Q2.S.D	University of Washington
Genetic studies of autism-related Drosophila neurexin and neuroligin	\$175,802	Q2.Other	University of Texas Health Science Center, San Antonio
Whole-exome sequencing to identify causative genes for autism	\$175,000	Q3.L.B	Rockefeller University
Finding recessive genes for autism spectrum disorders	\$175,000	Q3.L.B	Boston Children's Hospital
Small-molecule compounds for treating autism spectrum disorders	\$175,000	Q4.S.B	University of North Carolina at Chapel Hill
16p11.2: defining the gene(s) responsible	\$175,000	Q4.S.B	Cold Spring Harbor Laboratory
Dissecting the circuits underlying autism-like behaviors in mice	\$175,000	Q4.S.B	Massachusetts Institute of Technology
Genomic profiling of autism families using whole-genome sequencing	\$174,960	Q3.L.B	Institut Pasteur
Preclinical Autism Consortium for Therapeutics (PACT)-Boston Children's Hospital	\$172,009	Q4.S.B	Boston Children's Hospital
Bridging Basic Research with Clinical Research with the Aim of Discovering Biomarkers for Autism	\$169,295	Q1.L.A	Autism Consortium
Simons Variation in Individuals Project (VIP) Recruitment Core and Phase 2 Coordination Site	\$168,626	Q2.S.G	Geisinger Clinic, Weis Center for Research
Determining the role of GABA in four animal models of autism	\$166,895	Q2.Other	Neurochlore
Characterization of brain and behavior in 7q11.23 duplication syndrome-Core	\$164,853	Q4.S.B	University of Toronto
Epigenetic DNA modifications in autistic spectrum disorders	\$163,813	Q3.S.J	Johns Hopkins University School of Medicine
Simons Variation in Individuals Project (VIP) Imaging Analysis Site	\$159,805	Q2.S.G	Harvard University
Development of a Prospective Parent Report Measure to Identify ASD Risk in Infancy	\$150,000	Q1.S.B	University of California, Davis

Project Title	Funding	Strategic Plan Objective	Institution
The Brain Genomics Superstruct Project	\$150,000	Q2.L.B	Harvard University
Investigation of a possible role of the protocahderin gene cluster in autism	\$150,000	Q2.Other	Columbia University
Neurologin, oxidative stress and autism	\$150,000	Q2.Other	Oklahoma Medical Research Foundation
The mechanism of the maternal infection risk factor for autism	\$150,000	Q2.S.A	California Institute of Technology
Aberrant synaptic form and function due to TSC-mTOR-related mutation in autism spectrum disorders	\$150,000	Q2.S.D	Columbia University
Characterization of the sleep phenotype in adolescents and adults with autism spectrum disorder	\$150,000	Q2.S.E	Vanderbilt University
Molecular analysis of gene-environment interactions in the intestines of children with autism	\$150,000	Q2.S.E	Columbia University
Prenatal PBDE exposure and ASD-related developmental outcomes in the EARLI cohort	\$150,000	Q3.L.C	Drexel University
Air pollution, MET genotype and ASD risk: GxE Interaction in the EMA Study	\$150,000	Q3.S.C	Kaiser Permanente
Cognitive behavioral therapy for core autism symptoms in school-age children	\$150,000	Q4.L.D	University of California, Los Angeles
Investigating the effects of chromosome 22q11.2 deletions	\$150,000	Q4.S.B	Columbia University
Daily ratings of ASD Symptoms with digital media devices: An initial validity study	\$150,000	Q4.S.C	University of California, Los Angeles
Validation of web-based administration of the M-CHAT-R with Follow-up (M-CHAT-R/F)	\$149,999	Q1.S.B	Georgia State University
Classifying autism etiology by expression networks in neural progenitors and differentiating neurons	\$149,999	Q2.Other	Massachusetts General Hospital
Autism phenotypes in Tuberous Sclerosis: Risk factors, features & architecture	\$149,999	Q2.S.D	King's College London
Prevalence and patterns of medical co-morbidity and healthcare use before ASD diagnoses in children	\$149,999	Q3.S.E	Kaiser Foundation Research Institute
Genome-wide examination of DNA methylation in autism	\$149,999	Q3.S.J	Johns Hopkins University
Quality of life during midlife in adults with ASD	\$149,999	Q6.S.A	Waisman Center
Effects of self-generated experiences on social cognitive development in young children with autism	\$149,997	Q4.S.F	Kennedy Krieger Institute
ASD in Mid-Adulthood: A 40 Year Follow-Up of Individuals Served by the TEACCH Autism Program	\$149,995	Q6.L.B	University of North Carolina
Very early behavioral indicators of ASD risk among NICU infants: A prospective study	\$149,986	Q3.S.H	Institute for Basic Research in Developmental Disabilities
Near-infrared spectroscopy studies of early neural signatures of autism	\$149,977	Q2.L.B	Yale University

Project Title	Funding	Strategic Plan Objective	Institution
A cerebellar mutant for investigating mechanisms of autism in Tuberous Sclerosis	\$149,967	Q2.S.D	Boston Children's Hospital
PASS: Parent-mediated intervention for autism spectrum disorders (ASD) in South Asia	\$149,916	Q4.S.D	University of Liverpool
Genomic influences on developmental course and outcome in Infants at risk of ASD: A Baby Siblings Research Consortium (BSRC) Study	\$149,882	Q3.S.A	University of Alberta
Folate receptor autoimmunity in Autism Spectrum Disorders	\$149,755	Q2.S.A	State University of New York, Downstate Medical Center
Perinatal exposure to airborne pollutants and associations with autism phenotype	\$149,737	Q3.S.C	University of Southern California
Acamprosate in Youth with Autism Spectrum Disorders	\$149,719	Q4.S.F	Cincinnati Childrens Hospital Medical Center
Atypical architecture of prefrontal cortex in young children with autism	\$149,715	Q2.Other	University of California, San Diego
Training Community Providers to Implement an Evidence-Based Early Intervention Program	\$149,569	Q4.Other	University of California, Davis
A multidimensional database for the Simons Simplex Collection	\$149,396	Q7.Other	Univeristy of California, Los Angeles
Characterization of infants and toddlers with the 16p copy-number variation	\$149,372	Q2.S.G	Boston Children's Hospital
Control of synaptic protein synthesis in the pathogenesis and therapy of autism	\$148,914	Q4.S.B	Massachusetts General Hospital
Efficacy of N-acetyl cysteine in autism	\$146,555	Q4.S.C	Deakin University
Why do people with autism spectrum disorders fare so differently in adult life?	\$146,546	Q6.S.A	King's College London
Characterizing the severely affected autism population	\$146,315	Q7.C	Maine Medical Cetner Research Institute
Neuropathology of the social-cognitive network in Autism: a comparison with other structural theories	\$143,728	Q2.Other	University of Oxford
TrkB agonist therapy for sensorimotor dysfunction in Rett syndrome	\$141,976	Q2.S.D	Case Western Reserve University
Autism Treatment Network (ATN) 2011- Children's Hospital Los Angeles	\$140,000	Q7.N	Children's Hospital Los Angeles
Autism Treatment Network (ATN) 2011- University of Rochester	\$140,000	Q7.N	University of Rochester
Autism Treatment Network (ATN) 2011- CHOP	\$140,000	Q7.N	Children's Hospital of Philadelphia
Autism Treatment Network (ATN) 2011- MGH/LADDERS	\$140,000	Q7.N	Massachusetts General Hospital
Autism Treatment Network (ATN) 2011- U of Pittsburgh	\$140,000	Q7.N	University of Pittsburgh
Autism Treatment Network (ATN) 2011- Nationwide Children's Hospital	\$140,000	Q7.N	Nationwide Children's Hospital
Autism Treatment Network (ATN) 2011- OHSU	\$140,000	Q7.N	Oregon Health & Science University

Project Title	Funding	Strategic Plan Objective	Institution
Autism Treatment Network (ATN) 2011- University of Colorado Denver	\$140,000	Q7.N	Children's Hospital Colorado
Autism Treatment Network (ATN) 2011 - Cincinnati Children's Hospital Medical	\$140,000	Q7.N	Cincinnati Children's Hospital Medical Center
Autism Treatment Network (ATN) 2011- Vanderbilt University	\$140,000	Q7.N	Vanderbilt University
Autism Treatment Network (ATN) 2011-Toronto Consortium	\$140,000	Q7.N	Holland Bloorview Kids Rehabilitation Hospital
Autism Treatment Network (ATN) 2011- Glenrose Rehabilitation Hospital	\$139,002	Q7.N	University of Alberta
Identifying high-impact therapeutic targets for autism spectrum disorders using rat models	\$137,173	Q4.S.B	Mount Sinai School of Medicine
Using Parent Report to Identify Infants Who Are at Risk for Autism Spectrum Disorder (ASD)	\$137,090	Q1.S.B	University of North Carolina
Autism Treatment Network (ATN) 2011- University of Missouri	\$136,664	Q7.N	University of Missouri
Cryptic chromosomal aberrations contributing to autism	\$135,649	Q3.L.B	Massachusetts General Hospital
EU-AIMS	\$130,188	Q7.C	King's College London
Genetic model to study the ASD-associated gene A2BP1 and its target PAC1	\$125,000	Q2.Other	Weizmann Institute of Science
Local connectivity in altered excitation/inhibition balance states	\$125,000	Q2.Other	Weizmann Institute of Science
Identification of genes responsible for a genetic cause of autism	\$125,000	Q2.Other	Case Western Reserve University
Retrograde synaptic signaling by Neurexin and Neuroligin in C. elegans	\$125,000	Q2.Other	Massachusetts General Hospital
Motor cortex plasticity in MeCP2 duplication syndrome	\$125,000	Q2.S.D	Baylor College of Medicine
Probing the neural basis of social behavior in mice	\$125,000	Q2.S.D	Massachusetts Institute of Technology
Translational dysregulation in autism pathogenesis and therapy	\$125,000	Q2.S.D	Massachusetts General Hospital
Comprehensive phenotypic characterization of the 17q12 deletion syndrome	\$125,000	Q2.S.G	Weis Center for Research - Geisinger Clinic
Cerebellar signaling in mouse models of autism	\$125,000	Q4.S.B	Northwestern University
NMR/cryo-mMR Machine	\$125,000	Q7.P	Texas Children's Hospital
Assessing the accuracy of rapid phenotyping of nonverbal autistic children	\$124,998	Q1.S.A	Kennedy Krieger Institute
Using fruit flies to map the network of autism-associated genes	\$124,996	Q2.Other	University of California, San Diego
Roles of pro-inflammatory Th17 cells in autism	\$124,989	Q2.S.A	New York University

Project Title	Funding	Strategic Plan Objective	Institution
Mutations in noncoding DNA and the missing heritability of autism	\$124,987	Q3.L.B	University of California, San Diego
Functional analysis of EPHB2 mutations in autism	\$124,950	Q2.Other	McLean Hospital
Social interaction and reward in autism: Possible role for ventral tegmental area	\$124,936	Q2.Other	University of Geneva
Prenatal folic acid and risk for autism spectrum disorders	\$124,870	Q3.S.H	Emory University School of Medicine
Genetic investigations of motor stereotypies	\$124,538	Q2.S.G	Yale University
Connections between autism, serotonin and hedgehog signaling	\$124,401	Q2.S.D	Medical Research Council-National Institute for Medical Research
Simons Variation in Individuals Project (VIP) Principal Investigator	\$123,623	Q2.S.G	Columbia University
Role of microglia and complement at developing synapses in ASD	\$122,500	Q2.S.A	Boston Children's Hospital
VIP Family Meetings	\$121,016	Q2.S.G	VIP Family Meetings
Characterizing autism-related intellectual impairment and its genetic mechanisms	\$120,472	Q1.S.B	The Children's Hospital of Philadelphia
Direct recording from autism brains	\$120,148	Q2.S.E	California Institute of Technology
Interneuron subtype-specific malfunction in autism spectrum disorders	\$120,000	Q2.Other	New York University School of Medicine
Novel approaches to enhance social cognition by stimulating central oxytocin release	\$119,499	Q4.S.B	Emory University
A Centralized Standard Database for the Baby Siblings Research Consortium	\$117,851	Q1.L.A	University of California, Davis
Extracellular signal-related kinase biomarker development in autism	\$115,779	Q1.L.B	Cincinnati Children's Hospital Medical Center - Research Foundation
Autism Treatment Network (ATN) 2011- Arkansas	\$113,436	Q7.N	University of Arkansas for Medical Sciences
Correcting excitatory-inhibitory imbalance in autism	\$112,500	Q2.Other	University of North Carolina at Chapel Hill
Identification of candidate serum antibody biomarkers for ASD	\$112,032	Q1.L.B	University of Texas Southwestern Medical Center
Bone marrow transplantation and the role of microglia in autism	\$109,651	Q2.S.A	University of Virginia
Local functional connectivity in the brains of people with autism	\$108,297	Q2.L.B	Massachusetts General Hospital
16p11.2: Defining the gene(s) responsible (grant 1)	\$104,190	Q4.S.B	Cold Spring Harbor Laboratory
Regulation of gene expression through complex containing AUTS2	\$100,854	Q3.S.J	New York University School of Medicine
Neurexin-neuroigin trans-synaptic interaction in learning and memory	\$100,000	Q2.Other	Columbia University
Anti-Neuronal Autoantibodies in PANDAS and Autism Spectrum Disorders	\$100,000	Q2.S.A	University of Oklahoma Health Sciences Center

Project Title	Funding	Strategic Plan Objective	Institution
16p11.2 rearrangements: Genetic paradigms for neurodevelopmental disorders	\$100,000	Q2.S.D	University of Lausanne
Platform for autism treatments from exome analysis	\$100,000	Q2.S.E	Rockefeller University
Investigation of Transgenerational Neurodevelopmental Impacts of Gestational Pharmaceuticals	\$100,000	Q3.S.H	Institute of Preventive Medicine at Frederiksberg Hospital
Comprehensive parent-mediated intervention for children with autism in southern Taiwan	\$100,000	Q4.S.D	Johns Hopkins University
Improving educational identification in rural communities	\$100,000	Q5.L.C	University of Colorado Denver
Interactive Autism Network-Core Activities	\$100,000	Q7.Other	Hugo W. Moser Research at Kennedy Krieger, Inc.
Mirtazapine treatment of anxiety in children and adolescents with pervasive developmental disorders	\$99,971	Q4.L.C	Indiana University
Screening, diagnosis and parent training for young children with ASD in Albania	\$99,948	Q5.L.A	University of Connecticut
Increasing autism awareness in Ethiopia: The HEAT+ project	\$99,750	Q5.L.A	The Open University
Preclinical Autism Consortium for Therapeutics (PACT) at Baylor College of Medicine	\$98,351	Q4.S.B	Baylor College of Medicine
Simons Simplex Community at the Interactive Autism Network (SSC@IAN)	\$97,500	Q7.C	Kennedy Krieger Institute
Telehealth System to Improve Medication Management of ASD Remotely	\$95,480	Q7.Other	Behavior Imaging Solutions
Preclinical Autism Consortium for Therapeutics	\$94,331	Q4.S.B	University of California, Davis
Preclinical Autism Consortium for Therapeutics (PACT)- Boston Children's Hospital Site	\$91,174	Q4.S.B	Boston Children's Hospital
Characterization of brain and behavior in 7q11.23 duplication syndrome-Project 1	\$90,713	Q4.S.B	University of California, Davis
Supplement to NIH ACE Network grant: "A longitudinal MRI study of infants at risk for autism"	\$90,000	Q1.L.A	University of North Carolina at Chapel Hill
Role of Caspr2 (CNTNAP2) in brain circuits- Core	\$89,999	Q4.S.B	Weizmann Institute of Science
Functional analysis of EPHB2 mutations in autism - Project 1	\$89,633	Q2.Other	Yale University
Social brain circuits and fever-evoked response in 16p11.2 mice	\$87,500	Q2.Other	Cold Spring Harbor Laboratory
Early intervention in an underserved population	\$85,420	Q4.L.D	University of Michigan
Mouse Model of Dup15q Syndrome	\$84,253	Q2.S.D	Texas AgrLife Research
Statistical methodology and analysis of the Simons Simplex Collection and related data	\$80,389	Q2.S.G	University of Pennsylvania
Increasing ASD screening and referral among NYC's Korean Americans	\$79,680	Q5.L.A	University of Pennsylvania
Role of Caspr2 (CNTNAP2) in brain circuits - Project 1	\$79,675	Q4.S.B	King's College London

Project Title	Funding	Strategic Plan Objective	Institution
Role of UBE3A in neocortical plasticity and function	\$77,686	Q4.S.B	University of North Carolina at Chapel Hill
Characterizing sleep disorders in autism spectrum disorder	\$75,107	Q2.S.E	Stanford University
Investigating the etiology of childhood disintegrative disorder	\$74,970	Q2.S.F	Yale University
Evaluation of a melanocortin agonist to improve social cognition in autism	\$74,675	Q4.L.A	University of Sydney
Treating autism and epileptic discharges with valproic acid	\$68,088	Q4.S.A	Boston Children's Hospital
A functional near-infrared spectroscopy study of first signs of autism	\$67,573	Q1.L.A	Stanford University
Resilience Education for Increasing Success in Postsecondary Education	\$67,250	Q6.Other	3-C Institute for Social Development
Identification and analysis of ASD patients with PI3K/mTOR signalopathies	\$66,500	Q2.Other	Emory University
Using eLearning to train educational staff to implement paired-choice preference assessments	\$66,500	Q4.S.C	Center for Autism and Related Disorders (CARD)
Hyperthermia and the amelioration of autism symptoms	\$66,153	Q2.S.A	Montefiore Medical Center
Validity of a web-based indirect Skills Assessment	\$65,500	Q5.L.A	Center for Autism and Related Disorders (CARD)
Addressing challenges to post-mortem tissue donation in families affected with autism	\$64,000	Q2.S.C	Autism Science Foundation
Mobilized technology for rapid screening and clinical prioritization of ASD	\$63,535	Q1.S.B	Stanford University
Genetic contribution to language-related preclinical biomarkers of autism	\$63,513	Q2.S.D	University of Pennsylvania
Hippocampal mechanisms of social learning in animal models of autism	\$62,500	Q2.Other	Baylor College of Medicine
Role of endosomal NHE6 in brain connectivity and autism	\$62,500	Q2.Other	Brown University
Analysis of autism linked genes in C. elegans	\$62,500	Q2.Other	Massachusetts General Hospital
Role of LIN28/let-7 axis in autism	\$62,500	Q2.Other	Johns Hopkins University School of Medicine
Molecular signatures of autism genes and the 16p11.2 deletion	\$62,500	Q2.Other	Massachusetts General Hospital
Pathogenic roles of paternal-age-associated mutations in autism	\$62,500	Q2.Other	Weill Cornell Medical College
Mapping functional neural circuits that mediate social behaviors in autism	\$62,500	Q2.Other	Duke University Medical Center
Unreliability of neuronal responses in mouse models of autism	\$62,500	Q2.Other	Carnegie Mellon University
Cerebellar plasticity and learning in a mouse model of autism	\$62,500	Q2.Other	University of Chicago

Project Title	Funding	Strategic Plan Objective	Institution
Protein interaction networks in autism	\$62,500	Q2.Other	Harvard Medical School
Functional analysis of EFR3A mutations associated with autism	\$62,500	Q2.Other	Yale University
GABRB3 and prenatal immune events leading to autism	\$62,500	Q2.S.A	Stanford University
Role of GABA interneurons in a genetic model of autism	\$62,500	Q2.S.D	Yale University
Linking genetic mosaicism, neural circuit abnormalities and behavior	\$62,500	Q2.S.D	Brown University
Genome-wide analysis of cis-regulatory elements in autism	\$62,500	Q3.L.B	Washington University in St. Louis
Studying the neural development of patient-derived stem cells	\$62,500	Q4.S.B	Johns Hopkins University School of Medicine
Deficits in tonic inhibition and the pathology of autism spectrum disorders	\$62,500	Q4.S.B	Tufts University
Effect of abnormal calcium influx on social behavior in autism	\$62,500	Q4.S.B	University of California, San Francisco
Biomarker discovery for low sociability: A monkey model	\$62,500	Q4.S.B	Stanford University
Characterizing 22q11.2 abnormalities	\$62,498	Q2.S.D	Children's Hospital of Philadelphia
CNTNAP2 regulates production, migration and organization of cortical neurons	\$62,496	Q2.Other	Memorial Sloan-Kettering Cancer Center
Role of cadherin 8 in assembling circuits in the prefrontal cortex	\$62,376	Q4.S.B	Mount Sinai School of Medicine
Neurobiology of RAI1, the causal gene for Smith-Magenis syndrome	\$62,314	Q2.S.D	Stanford University
Cortico-striatal dysfunction in the eIF4E transgenic mouse model of autism	\$61,999	Q2.S.D	New York University
Beta-catenin signaling in autism spectrum disorders	\$60,100	Q2.S.G	University of Illinois at Chicago
Testing the tuning-width hypothesis in a unified theory for autism	\$60,000	Q1.L.B	Columbia University Medical Center
Altered sensorimotor processing in a mouse model of autism	\$60,000	Q2.Other	Louisiana State University School of Veterinary Medicine
Modeling alteration of RBFOX1 (A2BP1) target network in autism	\$60,000	Q2.Other	Columbia University
Impact of NR2B mutations on NMDA receptors and synapse formation	\$60,000	Q2.Other	Case Western Reserve University
Contribution of cerebellar CNTNAP2 to autism in a mouse model	\$60,000	Q2.Other	University of Oxford
A novel transplantation assay to study human PTEN ASD alleles in GABAergic interneurons	\$60,000	Q2.Other	University of California, San Francisco
Restoring cortical plasticity in a Rett mouse model	\$60,000	Q2.S.D	Stanford University

Project Title	Funding	Strategic Plan Objective	Institution
Physiological studies in a human stem cell model of 15q duplication syndrome	\$60,000	Q2.S.D	University of Connecticut
TMLHE deficiency and a carnitine hypothesis for autism	\$60,000	Q2.S.D	Baylor College of Medicine
Bi-directional regulation of Ube3a stability by cyclic AMP-dependent kinase	\$60,000	Q2.S.D	University of North Carolina at Chapel Hill
Testing the ribosomal protein S6 as treatment target and biomarker in autism spectrum disorders	\$60,000	Q2.S.D	Cincinnati Childrens Hospital Medical Center
Role of myelinating cells in autism spectrum disorders	\$60,000	Q2.S.G	University of California, San Francisco
Identification of functional networks perturbed in autism	\$60,000	Q3.L.B	Columbia University
Environmental exposure unveils mitochondrial dysfunction in autism	\$60,000	Q3.S.E	University of California, Davis
Conservation of imprinting for autism-linked genes in the brain	\$60,000	Q3.S.J	University of Utah
5-Hydroxymethylcytosine-mediated epigenetic regulation in autism spectrum disorders	\$60,000	Q3.S.J	Emory University
Exploring links between multisensory and cognitive function in autism	\$60,000	Q4.Other	Vanderbilt University
Misregulation of microtubule dynamics in Autism	\$60,000	Q4.S.B	Drexel University
Exploring VIPR2 microduplication linkages to autism in a mouse model	\$60,000	Q4.S.B	University of California, Los Angeles
Mechanism and treatment of ASD related behavior in the Cntnap2 knockout mouse model	\$60,000	Q4.S.B	University of California, Los Angeles
Temporally controlled genetic rescue of Shank3 autism model	\$60,000	Q4.S.B	University of Texas Southwestern Medical Center
Embodied rhythm interventions for children with autism spectrum disorders	\$60,000	Q4.S.C	University of Connecticut
Economic burden of current and future autism	\$60,000	Q6.L.D	University of California, Davis
Hybrid social communication intervention for children with ASD: Sibling mediation and video modeling	\$59,997	Q4.Other	Portland State University
Imaging-based real-time feedback to enhance therapeutic intervention in ASD	\$59,825	Q2.L.B	Stanford University
Examining vocational services for adults with autism	\$59,755	Q6.S.A	University of Calgary
Assessing the Cognitive Deficits Associated with 16p11.2 Deletion Syndrome	\$59,734	Q2.S.G	Posit Science Corporation
Fever, meningeal immunity and immune factors in autism	\$59,500	Q2.S.A	University of Virginia
RNA expression at human fragile X synapses	\$59,217	Q2.S.D	University of North Carolina at Chapel Hill and North Carolina State University
A non-interactive method for teaching noun and verb meanings to young children with ASD	\$58,900	Q4.Other	Boston University

Project Title	Funding	Strategic Plan Objective	Institution
Preclinical therapeutic target validation of glutamate receptors in Shank3 models of autism	\$58,900	Q4.S.B	University of Texas Southwestern Medical Center
In-vivo MRS assay of brain glutamate-GABA balance and drug response in autism	\$58,561	Q2.L.B	King's College London
Amygdala circuitry of impaired social-emotional behavior in autism	\$58,488	Q2.Other	Rosalind Franklin University of Medicine and Science
Multimodal neuroimaging of motor dysfunction in autism spectrum disorders	\$58,000	Q2.Other	University of Colorado Denver
Functional and anatomical recovery of synaptic deficits in a mouse model of Angelman Syndrome	\$58,000	Q2.S.D	University of North Carolina at Chapel Hill
Emergent communication skills of nonverbal children with autism facilitated by relational responding	\$57,996	Q4.S.G	Swansea University
Mapping functional connectivity networks in autism spectrum disorder with diffuse optical tomography	\$56,900	Q2.Other	Washington University in St. Louis
Understanding the brain basis of impaired imitation learning in autism	\$56,900	Q2.Other	Kennedy Krieger Institute
Single-unit recordings in neurosurgical patients with autism	\$56,900	Q2.S.E	California Institute of Technology
Integrative system biology of iPSC-induced neurons for identifying novel drug targets	\$56,900	Q4.S.B	Baylor College of Medicine
South Carolina Children's Educational Surveillance Study: Comparison of DSM-IV & DSM-5 prevalence	\$56,606	Q1.Other	Medical University of South Carolina
Growth charts of altered social engagement in infants with autism	\$56,589	Q1.L.A	Emory University
High metabolic demand of fast-spiking cortical interneurons underlying the etiology of autism	\$56,000	Q2.Other	Weill Cornell Medical College
Role of CNTNAP2 in neuronal structural development and synaptic transmission	\$55,200	Q2.Other	Stanford University
The effects of behavioral intervention on neurological measures of working memory	\$55,000	Q4.S.F	Center for Autism and Related Disorders (CARD)
Factors influencing early associative learning as a precursor to social behavior heterogeneity	\$54,500	Q2.S.G	University of Southern California
Brain electrophysiology of interactive social stimuli	\$54,459	Q2.Other	Yale University
The role of UBE3A in autism: Is there a critical window for social development?	\$54,450	Q2.S.D	Erasmus University Medical Center
Genetic models of autism in human neural progenitor cells: a platform for therapeutic discovery	\$54,400	Q2.Other	University of California, Los Angeles
Randomized controlled trial of oxytocin treatment for social deficits in children with autism	\$53,600	Q4.L.A	Stanford University
Attention & word learning in children with ASD- Translating experimental findings into intervention	\$53,500	Q2.Other	Women & Infants Hospital

Project Title	Funding	Strategic Plan Objective	Institution
Identifying genetic variants on the Y chromosome of males with autism	\$53,430	Q3.L.B	The Hospital for Sick Children
The BUFFET Program: Building Up Food Flexibility and Exposure Treatment	\$53,104	Q4.Other	Children's Hospital of Philadelphia
Pathologic and genetic characterization of novel brain cortical patches in young autistic brains	\$53,000	Q2.Other	University of California, San Francisco
Improved early detection of autism using novel statistical methodology	\$52,966	Q1.L.B	Yale University
Social reward in autism: Electrophysiological, behavioral, and clinical correlates	\$51,400	Q2.Other	Seattle Childrens Hospital
Effects of oxytocin receptor agonists in mouse models of autism spectrum disorder phenotypes	\$50,600	Q4.S.B	University of North Carolina at Chapel Hill
GABAergic dysfunction in autism	\$50,000	Q2.Other	Johns Hopkins University
Behavioral and neural underpinnings of learning in autism predict response to intervention	\$50,000	Q4.S.F	Weill Cornell Medical College
Probing the Molecular Mechanisms Underlying Autism: Examination of Dysregulated Protein Synthesis	\$49,300	Q2.S.D	National Institute of Mental Health (NIH)
Early-Stage Visual Processing in ASD: Neurophysiological Biomarkers Using Visual Evoked Potentials	\$49,264	Q1.L.B	Icahn School of Medicine at Mount Sinai
Understanding the etiological significance of attentional disengagement in infants at-risk for ASD	\$49,000	Q2.L.A	Boston Children's Hospital
Randomized trial of a web-based system for building behavior intervention plans	\$45,500	Q5.L.A	Center for Autism and Related Disorders (CARD)
Cellular and molecular pathways of cortical afferentation in autism spectrum disorders	\$45,000	Q4.S.B	University of Geneva
Validity of the CARD Indirect Functional Analysis.	\$45,000	Q4.S.C	Center for Autism and Related Disorders (CARD)
Quality of Life During Midlife in Adults with ASD: Supplement on Dementia	\$44,589	Q6.Other	Waisman Center
Auditory cortical plasticity in a mouse model of Rett syndrome	\$43,501	Q2.S.D	Cold Spring Harbor Laboratory
The role of brainstem NTS inflammation and oxidative stress in Autism	\$43,000	Q2.S.A	Wadsworth Center
Speech disorders in individuals with 16p11.2 deletion or duplication	\$40,000	Q2.S.G	University of Wisconsin
Multi-Site, Randomized, Controlled Implementation Trial of an Evidence-Based, Adult and Peer-Mediated Social Skills Intervention for Elementary School Children with Autism Spectrum Disorder	\$40,000	Q5.S.C	University of Pennsylvania
Developing a Sensory Reactivity Composite Score for the New DSM-5	\$35,000	Q1.S.B	Icahn School of Medicine at Mount Sinai

Project Title	Funding	Strategic Plan Objective	Institution
Sex-Specific Gene-Environment Interactions Underlying ASD	\$35,000	Q2.S.B	Rockefeller University
Molecular Characterization of Autism Gene CHD8 in Shaping the Brain Epigenome	\$35,000	Q3.L.B	Boston Children's Hospital
Healthy GFCF Modified Atkins Diet for Treating Seizures in Autism	\$34,000	Q4.S.C	University of Arkansas & Arizona St. University
Comparing table based instruction with Ipad instruction in the teaching of receptive labels.	\$33,250	Q4.S.C	Center for Autism and Related Disorders (CARD)
Randomized trial of a web-based system for building Individualized Education Plans.	\$33,250	Q4.S.C	Center for Autism and Related Disorders (CARD)
Assessing sleep regulation, sleep-dependent memory consolidation, and sleep-dependent synaptic plasticity in mouse genetic models of schizophrenia and autism spectrum disorders	\$32,469	Q2.S.E	University of Pennsylvania
An exploration of genetic and behavioral variables in Autism Spectrum Disorder	\$30,800	Q3.S.A	Center for Autism and Related Disorders (CARD)
Investigating brain organization and activation in autism at the whole-brain level	\$30,000	Q2.Other	California Institute of Technology
Studying Rett and Fragile X syndrome in human ES cells using TALEN technology	\$30,000	Q2.S.D	Whitehead Institute for Biomedical Research
Simons Simplex Collection support grant	\$30,000	Q3.L.B	University of California, Los Angeles
Simons Simplex Collection support grant	\$30,000	Q3.L.B	University of Missouri
Simons Simplex Collection support grant	\$30,000	Q3.L.B	Emory University
Effectiveness of a virtual coach application in social skills training for teens with ASD	\$30,000	Q4.L.D	University of California, Los Angeles
Exploration of resting-state network dynamics in autism spectrum disorders	\$30,000	Q4.Other	Harvard University
Sequence-based discovery of genes with pleiotropic effects across diagnostic boundaries and throughout the lifespan	\$29,995	Q3.L.B	Massachusetts General Hospital and Harvard University
Probing the temporal dynamics of aberrant neural communication and its relation to social processing deficits in autism spectrum disorders	\$29,987	Q2.Other	University of Pittsburgh
Behavioral and neural responses to emotional faces in individuals with ASD	\$29,871	Q2.Other	Harvard University
Exploring Social Attribution in Toddlers At Risk for Autism Spectrum Disorder (ASD)	\$29,500	Q1.L.A	Georgia State University
Using fMRI to understand the Neural Mechanisms of Pivotal Response Treatment	\$29,500	Q2.L.B	University of California, Santa Barbara
Functional Connectivity during Working Memory in Children with ASD: A NIRS Study	\$29,500	Q2.Other	Georgetown University

Project Title	Funding	Strategic Plan Objective	Institution
A system-level approach for discovery of phenotype specific genetic variation in ASD	\$29,500	Q2.S.G	Hebrew University
Parental Exposures to Occupational Asthmagens and Risk of Autism Spectrum Disorders	\$29,500	Q3.S.H	Johns Hopkins University
Using Growth Trajectories To Predict Distal Outcomes in Parent-Implemented Intervention for Toddlers	\$29,500	Q4.L.D	Florida State University
Stress as a Predictor of Outcomes for Adults with Autism Spectrum Disorders	\$29,500	Q6.Other	University of Pittsburgh
Pragmatic language and social-emotional processing in autism, fragile X, and the FMR1 premutation	\$29,474	Q2.S.D	Northwestern University
Convergence of immune and genetic signaling pathways in autism and schizophrenia	\$29,430	Q2.S.A	University of California, Davis
Prenatal Androgen in Meconium and Early Autism Spectrum Disorder Related Neurodevelopmental Outcomes	\$29,423	Q3.S.H	Drexel University
Role of Intestinal Microbiome in Children with Autism	\$29,000	Q3.S.I	Massachusetts General Hospital
Neural Correlates of Imitation in Children with Autism and their Unaffected Siblings	\$28,600	Q2.L.B	Harvard University
Electrophysiologic biomarkers of language function in autism spectrum disorders	\$28,600	Q2.L.B	University of California, Los Angeles
Thalamocortical connectivity in children and adolescents with ASD-A combined fcMRI and DTI approach	\$28,600	Q2.Other	San Diego State University
IL-1beta and IL1RAPL1: Gene-environment interactions regulating synapse density and function in ASD	\$28,600	Q2.S.A	University of California, Davis
Why are autistic females rare and severe? An approach to autism gene identification.	\$28,600	Q2.S.B	Johns Hopkins University
Evaluating hyperserotonemia as a biomarker of sensory dysfunction in autism spectrum disorder	\$28,600	Q4.S.B	Vanderbilt University
Stimulus preceding negativity and social stimuli in autism spectrum disorder	\$28,580	Q2.Other	University of California, San Diego
The use of non-invasive brain stimulation to improve social relating in autism spectrum disorders	\$28,000	Q4.S.F	Monash University
Improving maintenance procedures in early intensive behavioral intervention (EIBI)	\$28,000	Q5.L.C	Center for Autism and Related Disorders (CARD)
Anxiety treatment for children with autism and intellectual disability	\$27,460	Q4.S.A	University of California, Los Angeles
Effects of incidental teaching on expressive language of school age children with ASD who use AAC	\$27,344	Q4.L.D	Pennsylvania State University
Denritic Cell Function in Autism	\$26,920	Q2.S.A	MIND Institute
Simons Simplex Collection support grant	\$26,824	Q3.L.B	Baylor College of Medicine

Project Title	Funding	Strategic Plan Objective	Institution
The neural basis of weak central coherence in autism spectrum disorders	\$26,080	Q2.Other	Yale University
Simons Simplex Collection support grant	\$25,735	Q3.L.B	Vanderbilt University Medical Center
Simons Simplex Collection support grant	\$25,704	Q3.L.B	Yale University
Development of Vocal Coordination between Caregivers and Infants at Heightened Biological Risk for Autism Spectrum Disorder	\$25,000	Q1.L.A	University of Pittsburgh
GABA and Gamma-band Activity: Biomarker for ASD?	\$25,000	Q2.S.D	University of Pennsylvania
Alteration of Dendrite and Spine Number and Morphology in Human Prefrontal Cortex of Autism	\$25,000	Q2.S.D	University of California, Davis
The Role of Shank3 in Neocortex Versus Striatum and the Pathophysiology of Autism	\$25,000	Q2.S.G	Duke University
Human Clinical Trial of IGF-1 in Children with Idiopathic ASD	\$25,000	Q4.L.C	Icahn School of Medicine at Mount Sinai
Meeting grant - International Meeting for Autism Research (IMFAR)	\$25,000	Q7.K	International Meeting for Autism Research (IMFAR)
Autism Treatment Network (ATN) 2011- KKI	\$25,000	Q7.N	Kennedy Krieger Institute
Autism Treatment Network (ATN) 2011- Columbia University	\$25,000	Q7.N	Columbia University
Autism Treatment Network (ATN) 2011- BCM/TCH	\$25,000	Q7.N	Baylor College of Medicine
Factors affecting teacher implementation of ReThink Autism Program	\$24,942	Q5.L.C	Nova Southeastern University
Increasing flexibility in children with autism	\$24,500	Q4.L.D	Center for Autism and Related Disorders (CARD)
Teaching children with autism to respond to subtle social cues: Desires	\$24,500	Q4.L.D	Center for Autism and Related Disorders (CARD)
Simons Simplex Collection support grant	\$24,484	Q3.L.B	University of Washington
Simons Simplex Collection support grant	\$23,645	Q3.L.B	University of Illinois at Chicago
Simons Simplex Collection support grant	\$23,171	Q3.L.B	Boston Children's Hospital
Design and evaluation of a motion-sensing computer program for teaching children with autism	\$23,100	Q4.L.D	Center for Autism and Related Disorders (CARD)
Evaluation of the effects of web-based support on teacher self-efficacy	\$23,100	Q5.L.A	Center for Autism and Related Disorders (CARD)
Teaching children with autism to deal with jealousy constructively	\$22,750	Q4.L.D	Center for Autism and Related Disorders (CARD)
Modeling Gut Microbial Ecology and Metabolism in Autism Using an Innovative Ex Vivo Approach	\$22,441	Q3.S.I	University of Guelph
Teaching children with autism self-monitoring skills	\$22,400	Q4.L.D	Center for Autism and Related Disorders (CARD)
Simons Simplex Collection support grant	\$21,675	Q3.L.B	Columbia University

Project Title	Funding	Strategic Plan Objective	Institution
Simons Simplex Collection support grant	\$21,268	Q3.L.B	McGill University Health Centre- Montreal Children's Hospital
Teaching children with autism to detect deception	\$21,000	Q4.L.D	Center for Autism and Related Disorders (CARD)
Simons Simplex Collection support grant	\$20,991	Q3.L.B	Weill Cornell Medical College
Gestational exposure questionnaire validation and feasibility study	\$20,262	Q3.S.H	University of California, Davis
ASD - Inflammatory Subtype: Molecular Mechanisms	\$20,148	Q2.S.A	Rutgers University
Using a direct observation assessment battery to assess outcome of early intensive behavioral intervention for children with autism	\$20,000	Q1.L.B	New England Center for Children
A preliminary investigation of the neurobehavioral basis of sensory behavior in autism	\$20,000	Q2.Other	Kennedy Krieger Institute
Kit for Kids evaluation project: An initial evaluation of evidence-based peer education materials	\$20,000	Q4.L.D	University of Kentucky
Improving Social-Communication and Engagement of Elementary Students with Autism Spectrum Disorders	\$20,000	Q4.L.D	University of North Carolina at Chapel Hill
Enhancing traditional group social skill instruction using video-based group instruction tactics	\$20,000	Q4.L.D	Michigan State University
Sleep education program for adolescents with autism spectrum disorders	\$20,000	Q4.S.A	Vanderbilt University
An experimental evaluation of matrix training to teach graphic symbol combinations in severe autism	\$20,000	Q4.S.G	Purdue University
Growing Up Aware: A parent-based sexuality intervention for children with autism spectrum disorders	\$20,000	Q4.S.H	Columbia University
Increasing functional vocational skills in adolescents and adults with autism using behavioral economics	\$20,000	Q6.L.A	Rutgers, The State University of New Jersey
Expanding the reach of toddler treatment in autism	\$18,569	Q4.L.D	University of California, Davis
Using near-infrared spectroscopy to measure the neural correlates of social and emotional development in infants at risk for autism spectrum disorder	\$15,000	Q1.L.A	Harvard University
Matrix metalloproteinases expression in autism spectrum disorders	\$15,000	Q2.Other	University of Naples
The role of the GRIP protein complex in AMPA receptor trafficking and autism spectrum disorders	\$15,000	Q2.Other	Johns Hopkins University
Neural underpinning of emotion perception and its disorders	\$15,000	Q2.Other	Dartmouth College
Abnormal connectivity in autism	\$15,000	Q2.Other	University of California, Los Angeles
Role of negative regulators of FGF signaling in frontal cortex development and autism	\$15,000	Q2.Other	University of California, San Francisco
Roles of miRNAs in regulation of Foxp2 and in autism	\$15,000	Q2.Other	Louisiana State University
Dissecting expression regulation of an autism GWAS hit	\$15,000	Q3.L.B	University of California, San Francisco

Project Title	Funding	Strategic Plan Objective	Institution
Paternal age and epigenetic mechanisms in psychiatric disease	\$15,000	Q3.S.J	Research Foundation for Mental Hygiene, Inc/NYSPI
CIHR Chair: Autism Spectrum Disorders Treatment and Care Research	\$15,000	Q4.Other	York University
Adverse prenatal environment and altered social and anxiety-related behaviors	\$15,000	Q4.S.B	University of Pennsylvania
Predicting outcomes in autism with functional connectivity MRI	\$14,998	Q1.L.B	National Institute of Mental Health
Using near-infrared spectroscopy to measure the neural correlates of social and emotional development in infants at risk for autism spectrum disorder	\$14,950	Q2.Other	University of New South Wales
Brain-behavior interactions and visuospatial expertise in autism: a window into the neural basis of autistic cognition	\$14,800	Q2.Other	Hospital Riviere-des-Praires, University of Montreal, Canada
Neuropeptide regulation of juvenile social behaviors	\$14,775	Q2.Other	Boston College
Teaching children with autism to identify social saliency: Shifting attention	\$14,700	Q4.L.D	Center for Autism and Related Disorders (CARD)
Enhancing neurobehavioural and clinical definitions in autism spectrum disorders	\$14,000	Q2.Other	Monash University
Teaching children with autism to identify others' knowledge	\$13,650	Q4.L.D	Center for Autism and Related Disorders (CARD)
Development of a connectomic functional brain imaging endophenotype of autism	\$13,634	Q2.Other	University of Cambridge
A Controlled Trial of Transcendental Meditation to Treat Anxiety and Stress Among Adolescents with Autism Spectrum Disorders	\$10,400	Q4.S.A	Center for Autism Assessment and Treatment
Evaluation of synchronous online parent skill training	\$10,000	Q4.L.D	The Research Foundation of the State University of New York
Creating a more effective path to housing for people with ASD	\$10,000	Q6.Other	Westchester Institute for Human Development
Making Connections: White Matter Malformation in Developmental Disorders Conference	\$10,000	Q7.K	National Organization for Disorders of the Corpus Callosum
Inhibition in the CNS (GRS)	\$10,000	Q7.K	Gordon Research Conferences
Identifying disparities in access to treatment for young children with autism	\$9,990	Q5.S.A	Chapin Hall at University of Chicago
Response interruption and redirection for stereotypy	\$9,800	Q5.L.A	Center for Autism and Related Disorders (CARD)
Training paraprofessionals to provide appropriate social opportunities for children with ASD	\$9,296	Q5.L.C	University of California, Santa Barbara
Using lag schedules of reinforcement to teach play skills to children with autism spectrum disorders	\$9,278	Q4.L.D	Texas State University
Health-related quality of life and its determinants in adults with ASD	\$8,368	Q6.S.A	University of Mississippi

Project Title	Funding	Strategic Plan Objective	Institution
Sponsorship of NeuroDevNet Brain Development Conference	\$7,500	Q7.K	NeuroDevNet
To Study Maternal Anti-GAD Antibodies in Autism	\$5,260	Q3.S.E	Hartwick College
Cross-Model Automated Assessment of Behavior during Social Interactions in Children with ASD	\$5,000	Q1.S.A	Yale University
The effects of autism on the sign language development of deaf children	\$5,000	Q1.S.B	Boston University
Sex differences in the neural mechanisms of treatment response	\$5,000	Q2.S.B	Yale University
Role of astrocytic glutamate transporter GLT1 in Fragile X	\$5,000	Q2.S.D	Tufts University
2013 Dup15q Alliance Scientific Meeting Support	\$5,000	Q4.S.E	Dup15q Alliance
Partners in Schools: A program for parents and teachers of children with autism	\$5,000	Q5.L.C	University of Pennsylvania
Use of Real Time Video Feedback to Enhance Special Education Teacher Training	\$5,000	Q5.L.C	UCSD
To Determine Epidermal growth factor (EGF) and EGF Receptor Plasma Concentration and It's Relationship to Hepatocyte Growth Factor (HGF), GABA Levels and Symptom Severity in Autistic Children	\$4,500	Q2.S.A	Hartwick College
Baby Siblings Research Consortium	\$2,698	Q1.S.B	Autism Speaks (AS)
Increasing variability of verbal initiations through the responses of conversation patterns	\$2,449	Q4.Other	Texas Christian University
ERK signaling and autism: Biomarker development	\$2,405	Q1.L.B	University of California, San Francisco
Identifying early biomarkers for autism using EEG connectivity	\$0	Q1.L.A	Boston Children's Hospital
Postural and vocal development during the first year of life in infants at heightened biological risk for AS	\$0	Q1.L.A	University of Pittsburgh
Electrophysiological, metabolic and behavioral markers of infants at risk	\$0	Q1.L.A	Boston Children's Hospital
Physical and clinical infrastructure for research on infants-at-risk for autism at Yale	\$0	Q1.L.A	Yale University
Reliability of sensory-evoked activity in autism	\$0	Q1.L.B	New York University
Development of accelerated diffusion and functional MRI scans with real-time motion tracking for children with autism	\$0	Q1.L.B	Massachusetts General Hospital
Functional brain networks in autism and attention deficit hyperactivity disorder	\$0	Q1.L.B	Oregon Health & Science University
The early development of attentional mechanisms in ASD	\$0	Q1.L.B	University of Massachusetts, Boston
Measuring imitation and motor control in severe autism	\$0	Q1.L.C	University of Washington

Project Title	Funding	Strategic Plan Objective	Institution
Language learning in autism	\$0	Q1.L.C	Georgetown University
ASD prevalence by DSM-IV and DSM-5: Total population study	\$0	Q1.Other	Nathan Kline Institute
Biomarkers and diagnostics for ASD	\$0	Q1.S.A	Institute of Biotechnology
Georgia Tech Non-Invasive Gaze Tracking Project	\$0	Q1.S.B	Georgia Tech Research Corporation
Autism and the RASopathies	\$0	Q1.S.B	University of California, San Francisco
Dissemination of multi-stage screening to underserved culturally-diverse families	\$0	Q1.S.C	University of Massachusetts, Boston
20-year outcome of autism	\$0	Q2.L.A	University of Utah
A study of autism	\$0	Q2.L.B	University of Pennsylvania
Reliability of Sensory-Evoked Activity in Autism Spectrum Disorders- Project 1	\$0	Q2.L.B	Carnegie Mellon University
Transcriptional responsiveness in lymphoblastoid cell lines	\$0	Q2.Other	University of Pennsylvania
ERK signaling in autism associated with copy number variation of 16p11.2	\$0	Q2.Other	Case Western Reserve University
Role of major vault protein in autism	\$0	Q2.Other	Yale University
Characterizing the regulatory pathways and regulation of AUTS2	\$0	Q2.Other	University of California, San Francisco
Multisensory processing in autism	\$0	Q2.Other	Baylor College of Medicine
Neuroprotective effects of oxytocin receptor signaling in the enteric nervous system	\$0	Q2.Other	Columbia University
3 Tesla 31Phosphorus magnetic resonance spectroscopy in disorder with abnormal bioenergetics	\$0	Q2.Other	Massachusetts General Hospital
Urokinase-type plasminogen activator plasma concentration and its relationship to hepatocyte growth factor (HGF) and GABA levels in autistic children	\$0	Q2.Other	Hartwick College
Using high definition fiber tracking to define developmental neurobiologic mechanisms & a neural basis for behavioral heterogeneity	\$0	Q2.Other	Carnegie Mellon University
Examining connectivity patterns of brain networks participating in social cognition in ASD	\$0	Q2.Other	San Diego State University
Preference acquisition in children and adolescents with and without autism spectrum disorder	\$0	Q2.Other	Dalhousie University
Deciphering the function and regulation of AUTS2	\$0	Q2.Other	University of California, San Francisco
Macrocephalic autism: Exploring and exploiting the role of PTEN	\$0	Q2.Other	University of Wisconsin - Madison
Integrative Regulatory Network Analysis of iPSCs Derived Neuronal Progenitors from Macrocephalic ASD Individuals in a Family-based Design	\$0	Q2.Other	Yale University

Project Title	Funding	Strategic Plan Objective	Institution
Dissecting Reciprocal CNVs Associated With Autism	\$0	Q2.Other	Duke University
A Role for Cytoplasmic Rbfox1/A2BP1 in Autism	\$0	Q2.Other	University of California, Los Angeles
a-Actinin Regulates Postsynaptic AMPAR Targeting by Anchoring PSD-95	\$0	Q2.Other	University of California, Davis
The PI3K Catalytic Subunit p110delta as Biomarker and Therapeutic Target in Autism and Schizophrenia	\$0	Q2.Other	Cincinnati Children's Hospital Medical Center University of Cincinnati
Dysregulated Translation and Synaptic Dysfunction in Medium Spiny Neurons of Autism Model Mice	\$0	Q2.Other	New York University
Investigating the Role of RBFOX1 in Autism Etiology	\$0	Q2.Other	University of Miami
Perturbation of Excitatory Synapse Formation in Autism Spectrum Disorders	\$0	Q2.Other	Max Planck Florida Institute for Neuroscience
a-Actinin Regulates Postsynaptic AMPAR Targeting by Anchoring PSD-95	\$0	Q2.Other	University of California, Davis Medical Center University of California, Davis
Regulation of Interneuron Development in the Cortex and Basal Ganglia by Coup-TF2	\$0	Q2.Other	University of California, San Francisco
Engagement of Social Cognitive Networks during Game Play in Autism	\$0	Q2.Other	Duke University
Activity-dependent Mechanisms of Visual Circuit Formation	\$0	Q2.Other	Children's Research Institute (CRI) Children's National Medical Center
Investigation of social brain circuits and fever-evoked response in 16p11.2 mice	\$0	Q2.Other	Cold Spring Harbor Laboratory
Subependymal zone function in autism spectrum disorders	\$0	Q2.Other	University of Oxford
Behavioral and neural correlates of reward motivation in children with autism spectrum disorders	\$0	Q2.Other	University of North Carolina at Chapel Hill
Spatial attention in autism spectrum disorders	\$0	Q2.Other	New York University
Autism and the insula: Genomic and neural circuits	\$0	Q2.Other	California Institute of Technology
Role of neurexin in the amygdala and associated fear memory	\$0	Q2.Other	Columbia University
Exploring metabolic dysfunction in the brains of people with autism	\$0	Q2.S.A	George Washington University
Brain mitochondrial abnormalities in autism	\$0	Q2.S.A	New York State Institute for Basic Research in Developmental Disabilities
Autism spectrum disorders –inflammatory subtype: Molecular characterization	\$0	Q2.S.A	University of Medicine & Dentistry of New Jersey
To study the relationship between low GAD2 levels and anti-GAD antibodies in autistic children	\$0	Q2.S.A	Hartwick College
Behavioral and cognitive characteristics of females and males with autism	\$0	Q2.S.B	Cleveland Clinic Foundation
A Novel Glial Specific Isoform of Cdkl5: Implications for the Pathology of Autism in Rett Syndrome	\$0	Q2.S.D	University of Nebraska Medical Center

Project Title	Funding	Strategic Plan Objective	Institution
Modeling Pitt-Hopkins Syndrome, an Autism Spectrum Disorder, in Transgenic Mice Harboring a Pathogenic Dominant Negative Mutation in TCF4	\$0	Q2.S.D	University of North Carolina, Chapel Hill
Role of Serotonin Signaling during Neural Circuitry Formation in Autism Spectrum Disorders	\$0	Q2.S.D	Massachusetts Institute of Technology
Understanding the Genetic Architecture of Rett Syndrome - an Autism Spectrum Disorder	\$0	Q2.S.D	Cold Spring Harbor Laboratory
Linking circuit dynamics and behavior in a rat model of autism	\$0	Q2.S.D	University of California, San Francisco
Cerebellar plasticity and learning in a mouse model of autism	\$0	Q2.S.D	The University of Chicago
Regulation of cortical critical periods in a mouse model of autism	\$0	Q2.S.D	Northwestern University
Understanding the basic neurobiology of Pitt-Hopkins syndrome	\$0	Q2.S.D	The University of Alabama at Birmingham
The role of genetics in communication deficits in autism spectrum disorders	\$0	Q2.S.D	University of Pennsylvania
Elucidation and rescue of amygdala abnormalities in the Fmr1 mutant mouse model of fragile X syndrome	\$0	Q2.S.D	George Washington University
A stem cell based platform for identification of common defects in autism spectrum disorders	\$0	Q2.S.D	The Scripps Research Institute - California
The effects of disturbed sleep on sleep-dependent memory consolidation and daily function in individuals with ASD	\$0	Q2.S.E	Beth Israel Deaconess Medical Center
The role of mTOR inhibitors in the treatment of autistic symptoms in symptomatic infantile spasms	\$0	Q2.S.E	Albert Einstein College of Medicine of Yeshiva University
Salivary melatonin as a biomarker for response to sleep interventions in children with autism	\$0	Q2.S.E	University of Colorado Denver
Language processing in children with 22q11 deletion syndrome and autism	\$0	Q2.S.G	Emory University
Autism Linked LRRTM4-Heparan Sulphate Proteoglycan Complex Functions in Synapse Development	\$0	Q2.S.G	University of British Columbia
Identification and Functional Analysis of Risk Genes for Autistic Macrocephaly	\$0	Q2.S.G	Institute of Psychiatry/King's College London
Simons Variation in Individuals Project (Simons VIP) Functional Imaging Site and Structural Imaging/Phenotyping Site	\$0	Q2.S.G	Children's Hospital of Philadelphia
Role of the 16p11.2 CNV in autism: genetic, cognitive and synaptic/circuit analyses	\$0	Q2.S.G	Broad Institute, Inc.
Social processing, language, and executive functioning in twin pairs: Electrophysiological and behavioral endophenotypes	\$0	Q2.S.G	University of Washington

Project Title	Funding	Strategic Plan Objective	Institution
Evaluating epidemiological and biostatistical challenges in the EARLI investigation	\$0	Q3.L.A	Drexel University
Autism Genome Project (AGP): Genome sequencing and analysis supplement	\$0	Q3.L.B	The Hospital for Sick Children
Examining the Y-chromosome in autism spectrum disorder	\$0	Q3.L.B	The Hospital for Sick Children
Autism Genome Project (AGP)	\$0	Q3.L.B	Autism Speaks (AS)
A genome-wide search for autism genes in the SSC Emory	\$0	Q3.L.B	Emory University
A genome-wide search for autism genes in the SSC UCLA	\$0	Q3.L.B	University of California, Los Angeles
Autism Genome Project Consortium data reanalysis using computational biostatistics	\$0	Q3.L.B	The Rockefeller University
Genetic basis of phenotypic variability in 16p11.2 deletion or duplication	\$0	Q3.L.B	University of Washington
A genome-wide search for autism genes in the SSC Vanderbilt	\$0	Q3.L.B	Vanderbilt University Medical Center
Sequencing Female-enriched Multiplex Autism Families (FEMFs)	\$0	Q3.L.B	Johns Hopkins University School of Medicine
Genomic hotspots of autism	\$0	Q3.L.B	University of Washington
Integrative genetic analysis of autism brain tissue	\$0	Q3.L.B	Johns Hopkins University School of Medicine
Community-based study of autism spectrum disorders among 7-9 y old children in rural Bangladesh	\$0	Q3.L.D	Johns Hopkins University
Genome-wide expression profiling data analysis to study autism genetic models	\$0	Q3.S.A	University of California, Los Angeles
Environmental exposures measured in deciduous teeth as potential biomarkers for autism risk	\$0	Q3.S.B	University of Texas Health Science Center at San Antonio
Research project about a potential infectious origin of autism	\$0	Q3.S.E	Institut de Recherche Luc Montagnier
Novel Proteomics Approach to Oxidative Posttranslational Modifications Underlying Anxiety and Autism Spectrum Disorders	\$0	Q3.S.E	Sanford Burnham Medical Research Center
Maternal autoreactivity and autoimmune disease in autism	\$0	Q3.S.E	The Feinstein Institute for Medical Research
UC Davis Center for Children's Environmental Health (CCEH) Bridge	\$0	Q3.S.F	University of California, Davis
Early life environmental exposures and autism in an existing Swedish birth cohort	\$0	Q3.S.H	Drexel University
Elevated urinary P-cresol in small autistic children: Origin and consequences	\$0	Q3.S.I	Universita Campus Bio-Medico di Roma
Regressive autism as an infectious disease: Role of the home as an environmental factor	\$0	Q3.S.I	VA Medical Center, Los Angeles

Project Title	Funding	Strategic Plan Objective	Institution
Defining the underlying biology of gastrointestinal dysfunction in autism	\$0	Q3.S.I	University of California, Davis
Evaluating the Functional Impact of Epigenetic Control Related Genes Mutated in both Schizophrenia and Autism	\$0	Q3.S.J	Columbia University
Genome-wide analyses of DNA methylation in autism	\$0	Q3.S.J	Mount Sinai School of Medicine
Mutations in heterochromatin-related genes in autism	\$0	Q3.S.J	Hebrew University of Jerusalem
The role of serotonin in social bonding in animal models	\$0	Q3.S.K	University of California, Davis
Genetic and environmental interactions leading to autism-like symptoms	\$0	Q3.S.K	The Rockefeller University
Cellular and Synaptic Dissection of the Neuronal Circuits of Social and Autistic Behavior	\$0	Q3.S.K	University of Coimbra
Testing the use of helminth worm ova in treating autism spectrum disorders	\$0	Q4.L.A	Montefiore Medical Center
A multi-site double-blind placebo-controlled trial of memantine vs. placebo in children with autism	\$0	Q4.L.A	Holland Bloorview Kids Rehabilitation Hospital
Randomized phase 2 trial of RAD001 (an mTOR inhibitor) in patients with tuberous sclerosis complex	\$0	Q4.L.A	Boston Children's Hospital
Association of cholinergic system dysfunction with autistic behavior in fragile X syndrome: Pharmacologic and imaging probes	\$0	Q4.L.A	Stanford University
Effectiveness of reciprocal imitation training for adolescents with low-functioning autism	\$0	Q4.L.D	Michigan State University
Effects of active motor & social training on developmental trajectories in infants at high risk for ASD	\$0	Q4.Other	Kennedy Krieger Institute
Whole Brain Mapping of the Effects of Intranasal Oxytocin in CNTNAP2 KO Mouse Model of Autism	\$0	Q4.Other	Cold Spring Harbor Laboratory
Characterization of synaptic and neural circuitry dysfunction underlying ASD-like behaviors using a novel genetic mouse model	\$0	Q4.S.B	Duke University
Functional consequences of disrupted MET signaling	\$0	Q4.S.B	Children's Hospital Los Angeles
Neural and cognitive mechanisms of autism	\$0	Q4.S.B	Massachusetts Institute of Technology
A mouse model of top-down interactions	\$0	Q4.S.B	The Rockefeller University
Role of RAS/RAF/ERK pathway in pathogenesis and treatment of autism	\$0	Q4.S.B	New York State Institute for Basic Research in Developmental Disabilities
Quantitative analysis of effect of autism-related genes on behavioral regulation	\$0	Q4.S.B	University of California, San Francisco
Perinatal choline supplementation as a treatment for autism	\$0	Q4.S.B	Boston University
Establishing next-generation tools for quantitative behavioral phenotyping	\$0	Q4.S.B	Harvard Medical School

Project Title	Funding	Strategic Plan Objective	Institution
Cell type-specific profiling for autism spectrum disorders	\$0	Q4.S.B	Columbia University
Optical imaging of circuit dynamics in autism models in virtual reality	\$0	Q4.S.B	Harvard Medical School
Role of Caspr2 (CNTNAP2) in brain circuits - Project 2	\$0	Q4.S.B	University of California, Los Angeles
Role of astrocytic glutamate transporter GLT1 in fragile X	\$0	Q4.S.B	Tufts University
Using induced-pluripotent stem cells to study Phelan McDermid Syndrome	\$0	Q4.S.B	Stanford University School of Medicine
Rat knockout models of ASD	\$0	Q4.S.B	Baylor College of Medicine
Functional study of synaptic scaffold protein SHANK3 and autism mouse model	\$0	Q4.S.B	Duke University
Tuning anxiety out: Exploring the potential of noise cancellation in ASD sound sensitivity	\$0	Q4.S.C	Brunel University
Internet-based trial of omega-3 fatty acids for autism spectrum disorder	\$0	Q4.S.C	University of California, San Francisco
Behavioral and psycho-physiological study of attentional, perceptual, and emotional processing after treatment with ambient prism lenses and visuo-motor exercises in children with autism spectrum disorder	\$0	Q4.S.C	University of Louisville
The effects of the Hane Face Window© on perceptual processing of children with autism spectrum disorders (ASD)	\$0	Q4.S.C	University of Minnesota
Metabolic factors affecting gamma synchrony	\$0	Q4.S.C	University of Louisville; Northeastern University
Electrophysiological and behavioral outcomes of Auditory Integration Training (AIT) in autism	\$0	Q4.S.C	University of Louisville
Gender and cognitive profile as predictors of functional outcomes in school-aged children with ASD	\$0	Q4.S.F	Emory University Marcus Autism Center
Evidence-based cognitive rehabilitation to improve functional outcomes for young adults with autism spectrum disorders	\$0	Q4.S.F	University of Pittsburgh
Comparing AMMT vs. Control Therapy in facilitating speech output in nonverbal children with autism	\$0	Q4.S.G	Beth Israel Deaconess Medical Center
Using an internet-based program to teach a naturalistic intervention to parents of children with ASD	\$0	Q5.L.C	Michigan State University
Transitioning Together: An intervention program for adolescents with ASD and their families	\$0	Q5.Other	Waisman Center
Occurrence and family impact of elopement in children with ASD	\$0	Q5.S.D	Kennedy Krieger Institute
Social-pragmatic treatment for adults with autism spectrum disorder: The Interview Skills Curriculum	\$0	Q6.L.A	Florida State University
Estimating the economic costs of autism	\$0	Q6.L.D	London School of Economics
Survey of services needs of adults with ASD	\$0	Q6.S.A	Kennedy Krieger Institute

Project Title	Funding	Strategic Plan Objective	Institution
Understanding Cell Heterogeneity In Human Brain Using Droplet Microfluidics And Single-Cell Transcriptomics	\$0	Q7.D	Harvard Medical School
Foundation Associates agreement (BrainNet)	\$0	Q7.D	
Engineering and Autism Workshop	\$0	Q7.K	University of Southern California
Banbury Center Conference	\$0	Q7.K	Cold Spring Harbor Laboratory
International Meeting for Autism Research (IMFAR) Support	\$0	Q7.K	International Society for Autism Research
Infrastructure support for autism research at MIT	\$0	Q7.K	Massachusetts Institute of Technology

